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A five-volume set by Barry Simon that can serve as a graduate-level analysis textbook. Depth and breadth of exposition make this set a valuable reference source for almost all areas of classical analysis.

2015 (5 Volumes)

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2016 (1 Volume)

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CRM Monograph Series

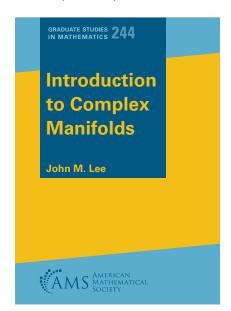
This series includes monographs developed from lectures given at the Centre de Recherches Mathématiques located at the Université de Montréal. This series is co-published by the AMS and the Centre de Recherches Mathématiques.

2023 (1 Volume)

2022 (1 Volume)

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1992-2015 (36 Volumes)



Introduction to Complex Manifolds by John M. Lee, included in the Graduate Studies in Mathematics 2024 collection.

Fields Institute Monographs

This series features high-quality research monographs, often generated from the activities at the Fields Institute for Research in Mathematical Sciences in Toronto, Ontario, Canada.

1993-2011 (28 Volumes)

This series was co-published with the Fields Institute and will no longer be published; however, back volumes remain available.

Graduate Studies in Mathematics

These texts make ideal independent study resources. The breadth and depth of the series coverage make it an ideal acquisition for all academic libraries that support mathematics programs.

NEW 2024 (13 Volumes)

2023 (9 Volumes)

2022 (9 Volumes)

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1993-2011 Selected Titles (112 Volumes)

History of Mathematics

The titles in this series offer compelling historical perspectives on the individuals and communities that have profoundly influenced mathematics development.

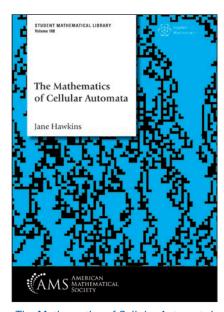
NEW 2024 (1 Volume)

2021 (1 Volume)

2020 (1 Volume)

1992-2016 Selected Titles (39 Volumes)

Volumes 4 through 39 were co-published with the London Mathematical Society. Volumes 40 on are published by the AMS.



The Mathematics of Cellular Automata by Jane Hawkins, included in the 2024 Student Mathematical Library collection.

MONOGRAPHS

IAS/Park City Mathematics Series

The volumes in this series contain notes from the graduate program at annual Summer Institutes organized by the Institute for Advanced Study/Park City Mathematics Institute in Park City, Utah. Each institute features approximately five lecture series given by prominent mathematicians. This series is co-published with the Institute for Advanced Study/Park City Mathematics Institute.

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2019 (1 Volume)

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2022 (7 Volumes)

2021 (14 Volumes)

2020 (6 Volumes)

2019 (9 Volumes)

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2017 (12 Volumes)

2016 (6 Volumes)

2015 Selected Titles (8 Volumes)

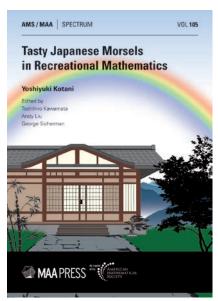
2014 (8 Volumes)

2012-2013 (14 Volumes)

2011 (10 Volumes)

1943-2010 (169 Volumes)*

* The 1943–2010 backfile is available in 5 separate subsets. Go to www.ams.org/publications/ebooks/emonographs



Tasty Japanese Morsels in Recreational Mathematics by Yoshiyuki Kotani, included in the Spectrum 2024 collection.

Mathematical World

This series brings the beauty and wonder of mathematics to the advanced high school student, the mathematics teacher, the scientist or engineer, and the lay reader with a strong interest in mathematics.

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2018 (1 Volume)

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Student Mathematical Library

This series consists of books that will spark students' interest in modern mathematics and increase their appreciation for research. Books published in the series emphasize original topics and approaches.

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2020 (2 Volumes)

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This series contains works of advanced mathematical research and exposition translated primarily from Japanese and Russian.

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University Lecture Series

Each book in this series focuses on an important and rapidly developing topic and is designed to give readers the most current information on the subject area.

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2015 (1 Volume)

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2019-2020 (1 Volume)

1925-2018 (34 Volumes)

Anneli Lax New Mathematical Library

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2022 (2 Volumes)

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Classroom Resource Materials

This series provides supplementary material for students and their teachers—laboratory, exercises, projects, historical information, textbooks with unusual approaches for presenting mathematical ideas, career information, and much more.

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2023 (2 Volumes)

2022 (2 Volumes)

2021 (3 Volumes)

2019-2020 (3 Volumes)

1993-2018 (54 Volumes)

Dolciani Mathematical Expositions

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2023 (1 Volume)

2021 (1 Volume)

2019-2020 (3 Volumes)

1974-2018 (54 Volumes)

AMS/MAA Textbooks

These books cover all levels of the undergraduate curriculum with a focus on textbooks for upper-division students.

1997-2018 (38 Volumes)

Problem Books

This series includes a variety of books related to problems and problem-solving, including collections of problems from prominent mathematical competitions.

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2019-2020 (2 Volumes)

2000-2018 (29 Volumes)

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This series contains works of biography, history, popular exposition, and books that explore the relationship between math and the arts and sciences.

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2022 (2 Volumes)

2021 (2 Volumes)

2019-2020 (3 Volumes)

1990-2018 (81 Volumes)

PROCEEDINGS & COLLECTIONS

Advances in Soviet Mathematics

Each volume in Advances in Soviet Mathematics is compiled by a leading specialist in a particular area of mathematics and consists of high-quality articles written by world-class mathematicians from Russia. Titles published after Volume 21 appear as a subseries (now entitled Advances in the Mathematical Sciences) of American Mathematical Society Translations: Series 2.

1990-1994 (21 Volumes)

American Mathematical Society Translations: Series 2

Volumes in this series consist of articles originally published in books and journals in Russia or Japan. This series includes Advances in Soviet Mathematics titles published since 1995.

1955-2014 (234 Volumes)

AMS/IP Studies in Advanced Mathematics

This series, jointly published by the AMS and International Press, includes monographs, lecture notes, collections, and conference proceedings on current topics of importance in advanced mathematics.

1996-2012 Selected Titles (55 Volumes)

No further volumes will be published in this series beyond Volume 51. Back volumes remain available.

MEMOIRS

Memoirs of the American Mathematical Society

This series is devoted to the publication of new and significant research in all areas of pure and applied mathematics.

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2021 (6 Volumes Comprising 37 Titles)

2020 (6 Volumes Comprising 40 Titles)

2019 (6 Volumes Comprising 40 Titles)

2018 (6 Volumes Comprising 37 Titles)

2017 (6 Volumes Comprising 38 Titles)

2017 (6 Volumes Comprising 38 Titles)
2016 (6 Volumes Comprising 27 Titles)

2015 (6 Volumes Comprising 34 Titles)

2014 (6 Volumes Comprising 34 Titles)

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* The 1950–2012 backfile is available in 10 separate subsets. Go to www.ams.org/publications/ebooks/memoirs

† Special offers apply to 2013 and 1950–2012 backfile purchases with a current subscription to Memoirs. For more information, contact Customer Services at cust-serv@ams.org or call 401-455-4000.

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Contemporary Mathematics

This series is an important resource for keeping abreast of the latest findings and trends in mathematics.

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2022 (5 Volumes)

2021 (15 Volumes)

2020 (20 Volumes)

2019 (20 Volumes)

2018 (20 Volumes)

2017 (20 Volumes) 2016 (25 Volumes)

2015 (25 Volumes)

2014 (24 Volumes)

2013 (22 Volumes)

2012 (24 Volumes)

1980-2011 (560 Volumes)*

*The 1980-2011 backfile is available in 8 separate subsets. Go to www.ams.org/publications/ebooks/proccoll

CRM Proceedings & Lecture Notes

This series, co-published with the Centre de Recherches Mathématiques at the Université de Montréal, encompasses conference proceedings and lecture notes from important research conferences held at the Centre de Recherches Mathématiques.

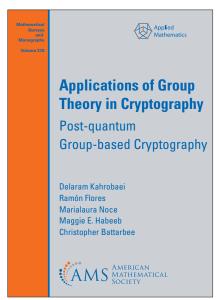
1993-2013 (56 Volumes)

Fields Institute Communications

This series features proceedings and lecture notes from the activities at the Fields Institute for Research in Mathematical Sciences in Toronto, Ontario, Canada.

1993-2011 (60 Volumes)

This series was co-published with the Fields Institute and will no longer be published; however, back volumes remain available.



Applications of Group Theory in Cryptography, included in the Mathematical Surveys and Monographs 2024 collection.

Proceedings of Symposia in Applied Mathematics

In this series, Volume 21 and most subsequent volumes consist of the proceedings of short courses sponsored by the American Mathematical Society.

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2010 (1 volume)

2014 (1 Volume)

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2018 (5 Volumes)

2017 (3 Volumes)

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2014 (1 Volume)

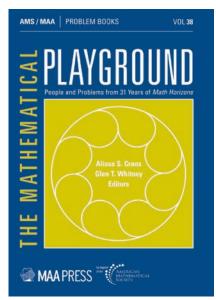
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1959-2012 (86 Volumes)

Series in Discrete Mathematics and Theoretical Computer Science

This series includes conference and workshop proceedings and volumes on education in discrete mathematics and theoretical computer science. Volumes are derived from programs at Rutgers University's Center for Discrete Mathematics and Theoretical Computer Science and are also sponsored by Princeton University, AT&T Labs Research, Bell Labs (Lucent Technologies), Cancer Institute of New Jersey (CINJ), NEC Research Institute, and Telcordia Technologies.

1991-2012 Selected Titles (74 Volumes)



The Mathematical Playground: People and Problems from 31 Years of Math Horizons by Alissa S. Crans and Glen T. Whitney, included in the 2024 Problem Book collection.